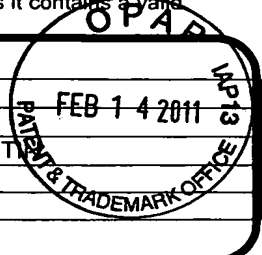


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: 2/14/2011 <i>(use as many sheets as necessary)</i>				Complete if Known	
Sheet	1	of	3	Application Number	10/578,903
				Filing Date	11/22/2004
				First Named Inventor	Mary Ann AUGUSTIN
				Art Unit	1613
				Examiner Name	Hong YU
				Attorney Docket Number	024219-0105

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	B1	2006/0008575	01-12-2006	ARMBRECHT ET AL.	
	B2	2006/0159825	07-20-2006	SMITH ET AL.	
	B3	2007/0212475	09-13-2007	AUGUSTIN ET AL.	
	B4	4,844,919	07-04-1989	SZWERC, JOE	
	B5	5,108,758	04-28-1992	ALLWOOD ET AL.	
	B6	5,444,054	08-22-1995	GARLEB ET AL.	
	B7	5,455,342	10-03-1995	REDDING, JR., BRUCE K.	
	B8	5,547,513	08-20-1996	MALLEE ET AL.	
	B9	5,840,860	11-24-1998	ANNISON ET AL.	
	B10	5,866,619	02-02-1999	SINTOV ET AL.	
	B11	5,945,528	08-31-1999	SOMMERMEYER ET AL.	
	B12	5,952,314	09-14-1999	DEMICHELE ET AL.	
	B13	6,048,563	04-11-2000	SWARTZ ET AL.	
	B14	6,234,464	05-22-2001	KRUMBHOLZ ET AL.	
	B15	6,368,629	04-09-2002	WATANABE ET AL.	
	B16	6,403,130	06-11-2002	BEYER, RICHARD	
	B17	6,413,567	07-02-2002	DUDACEK ET AL.	
	B18	6,531,152	03-11-2003	LERNER ET AL.	
	B19	6,613,373	09-02-2003	HAYNES ET AL.	
	B20	6,689,389	02-10-2004	GUSTAVSSON ET AL.	
	B21	6,737,099	05-18-2004	GURAYA, HARMEET S.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	B22	JP-06-141820	05-24-1994	SANKYO KOSAN KK		✓
	B23	JP-10-195105	07-28-1998	NIPPON SHOKUHI KAKO CO., LTD.		✓
	B24	JP-10-324642	12-08-1998	MEIJI SEIKA KAISHA LTD.		Abs

NON PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: 2/14/2011 <i>(use as many sheets as necessary)</i>				Application Number	10/578,903
				Filing Date	11/22/2004
				First Named Inventor	Mary Ann AUGUSTIN
				Art Unit	1613
				Examiner Name	Hong YU
Sheet	2	of	3	Attorney Docket Number	024219-0105

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	B25	Augustin et al, "Microencapsulation of food ingredients", Food Australia, 2001, 53, pp. 220-223 (4 pgs).	
	B26	Brazel, C.S., "Microencapsulation: offering solutions for the food industry", Cereal Foods World, 1999, 44(6), pp.388-393 (5 pgs).	
	B27	Chung et al., "Physiochemical properties of sonicated mung bean, potato and rice starches", Cereal Chemistry, 2002, 79(5), pp. 631-633 (3 pgs).	
	B28	Dommels et al., "Dietary n-6 and n-3 polyunsaturated fatty acids and colorectal carcinogenesis: results from cultured colon cells, animal models and human studies", Environmental Toxicology and Pharmacology, 2002, Vol. 12 (4), 233-244 (12 pgs).	
	B29	Douzals et al., "High pressure gelatinization of wheat starch and properties of pressure-induced gels", J. Agric. Food Chem., 1998, 46, pp.4824-4829, (6 pgs).	
	B30	Isono et al., "Ultrasonic degradation of waxy rice starch", Biosci. Biotech. Biochem, 1994, 58(10), pp.1799-1802(4 pgs).	
	B31	Karmali, Radasha A., "Historical Perspective and Potential Use of n-3 Fatty Acids in Therapy of Cancer Cachexia, Nutrition, 1996, Vol. 12 (1), S2-S4 (3 pgs).	
	B32	Onwulata et al., "Starches and fibers treated by dynamic pulsed pressure", Food Research International, 2000, 33, pp.367-374 (8 pgs).	
	B33	RSTAR 11/02, AOAC Method 2002.03; AACC Method 32-40, Megazyme, pp. 1-15 (16 pgs).	
	B34	Rubinstein et al., "The rationale for peptide drug delivery to the colon and the potential for polymeric carriers as effective tools" J. Controlled Release, 1997, 46, pp. 59-73 (15 pgs).	
	B35	Rubinstein, Abraham, "Natural Polysaccharides as targeting tools of drugs to the human colon", Drug Development Research, 2000, 50, pp. 435-439 (5 pgs).	
	B36	Seguchi et al., "Study of wheat starch structures by sonication treatment", Cereal Chemistry, 1994, 71 (6) pp.636-639(4 pgs).	
	B37	Sinha et al., "Microbially triggered drug delivery to the colon", Eur. J. Pharmaceutical Sciences, 2003, 18, pp.3-18 (16 pgs).	
	B38	Sinha et al., "Polysaccharides in colon-specific drug delivery", Int. J. Pharmaceutics, 2001, 224, pp. 19-38 (20 pgs).	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: 2/14/2011 <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/578,903
				Filing Date	11/22/2004
				First Named Inventor	Mary Ann AUGUSTIN
				Art Unit	1613
				Examiner Name	Hong YU
Sheet	3	of	3	Attorney Docket Number	024219-0105

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	B39	Stolt et al., "Evaluation and modeling of rheological properties of high pressure treated waxy maize starch dispersions", Journal of Food Engineering, 1999, 40, pp.293-298 (6 pgs).	
	B40	Vandaamme et al., "The use of polysaccharides to target drugs to the colon", Carbohydrate Polymers, 2002, 48, pp. 219-231 (13 pgs).	
	B41	US Office Action on 024219-0106 DTD 3/3/2010	
	B42	US Office Action on 024219-0106 DTD 8/11/2010	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.